# LGPS Data Analysis Insights

This data analysis explores key numerical metrics and fund holdings across various LGPS (Local Government Pension Scheme) pool portfolios and their sub-funds. We analyzed data from annual reports and fund holding reports spanning from December 2023 to September 2024. The focus is on metrics like "Max of Local Price," "Shares/Par," and "Base Value," as well as asset class and sector breakdowns where available, to understand the size, composition, and potential shifts in investment strategy over time.  
  
The "Max of Local Price" metric, found across all fund holdings reports, reflects the highest observed price for an asset within the portfolio. The "Shares/Par" figure indicates the quantity of shares or par value held within the fund. "Base Value" represents the total valuation of the holdings. Looking at these metrics together provides a sense of the fund's size and the individual asset valuation trends within it.  
  
Examining the individual funds, significant variations in "Base Value" and "Shares/Par" are apparent. The "Global-Equity-Alpha-Fund" and "Overseas-Developed-Markets-Equity-Fund" consistently demonstrate larger "Base Values," suggesting larger overall fund sizes compared to funds like "Listed-Alternatives-Fund" or "UK-Listed-Equity-Alpha-Fund." The "Multi-Asset-Credit-Fund" shows exceptionally high "Shares/Par" figures, especially in March 2024, indicating substantial holdings, although these figures decrease slightly in September 2024. The "Shares/Par" metric is highest for Multi-Asset-Credit fund compared to other funds.  
  
Analyzing reports that include "Summary Metrics," "Asset Class Breakdown," and "Sector Breakdown" such as "Priced-Positions-DRF-Portfolio\_Sept-2024" reveals the allocation strategy. The DRF Portfolio has the majority of its investments through Mutual Funds, indicating an indirect strategy. The "Priced-Positions-Emerging-Markets-ACS\_Sept-2024" report shows a more diverse range of investment types, with a significant portion in Common Stock and Depository Receipts. The "Priced-Positions-Global-Sustainable-Equities-ACS\_Sept-2024" report showcases a focus on Common Stock and Depository Receipts. Sector breakdown shows, the Global Sustainable Equities Fund has largest investments in Technology, Healthcare and Industrials.  
  
Comparing March and September 2024 data for some funds reveals temporal shifts. For instance, the "Emerging-Markets-Equity-Alpha-Fund" shows changes in "Base Value" and "Shares/Par" between the two periods, indicating portfolio adjustments. The "Overseas-Developed-Markets-Equity-Fund" and "Global-Equity-Alpha-Fund" show decreases in "Base Value" between March and September. Analyzing these changes can help determine whether the investment strategy is performing as expected.